



CONSTRUCTION EQUIPMENT

A10714 VOLVO EC160E 314283 - SWING DRIVE



Sample No: VCP411914
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10714



HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP411914 | --- | --- | --- |
| Sample Date | 25 Jul 2023 | --- | --- | --- |
| Machine Hours | 425 | --- | --- | --- |
| Oil Hours | 425 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 181 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 35 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 91 | --- | --- | --- |
| Copper | ppm | █ 38 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ 1 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 3 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 3 | --- | --- | --- |
| Magnesium | ppm | █ 3 | --- | --- | --- |
| Zinc | ppm | █ 19 | --- | --- | --- |
| Phosphorus | ppm | █ 323 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8879
Unique No: 10601769
Signed: Don Baldrige
Report Date: 12 Aug 2023



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GRAPHS

